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Application No. 10/04/6,620	Prepared by	NB.	Tracking Number	05944265
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a. Serial No.	f. Foreign Priority	k. Print Claim(s)	р. РТО-1449		
b. Applicant(s)	g. Disclaimer	I. Print Fig.	q. PTOL-85b		
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract		
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs		
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other		

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Application Number	10/046,620			
Filing Date	01/12/2002			
First Named Inventor	William Rassman			
Art Unit	2877			
Examiner Name	Hoa Q. Pham			
Attorney Docket Number	M-15218-2C US			

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Examiner Initials*	No.1	Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 2004/0023247A1	02-05-2004	Xu et al.	
		US- 2004/0012676A1	01-22-2004	Weiner et al	
		US- 2004/0030504A1	02-12-2004	Helt et al.	
		US- 2004/0038268A1	02-26-2004	Pirrung et al.	
		US- 2004/0002167A1	01-01-2004	Andersson et al.	
		US- 2002/0182717A1	12-05-2002	Karlsson	
		us- 2002/0154311A1	10-24-2002	Ivarsson	
		us- D472,644S	04-01-2003	Dawson et al.	
		^{US-} D480,149S	09-30-2003	Dawson et al.	
		^{US-} 6,698,454B2	03-02-2004	Sjoelander et al.	
		^{US-} 6,589,798B1	07-08-2003	Loefas	
		^{US-} 6,503,760 B2	01-07-2003	Malmqvist et al.	·
		US- 2003/0022388A1	01-30-2003	Roos et al.	
		US- 2002/0019019 A1	02-14-2002	Hamalainen et al.	
		us- 6,289,286 B1	09-11-2001	Andersson et al.	
		US- 5,753,518	05-19-1998	Karlsson	
		^{US-} 5,593,130	01-14-1997	Hansson et al.	
		^{US-} 5,164,589	11-17-1992	Sjoedin	
		^{US-} 5,573,956	11-12-1996	Hanning	

		FORE	IGN PATENT DOCL	MENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country.Code ³ "Number ⁴ "Kind Code ³ (If Icrown)	MM-DD-YYYY		Or Relevant Figures Appear	T⁰
	l .	WO 03/102580A1	12-11-2003	Saeften et al.		
		WO 03/056337A1	07-10-2003	Loefas		
		AU 742417	02-11-2000	Ivarsson		
		WO 98/32002	07-23-1998	Herbai et al.		
		WO 97/19375	05-29-1997	Ivarsson et al.		
		WO 96/38729	12-05-1996	Wahlstroem et al.		

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U. S. PATENT DOCUMENTS					
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Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
		WO 96/08720	03-21-1996	Sternesjoe et al.		
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Will 13 gg		Filing Date 01/12/2001	Group Art Unit
CATEME	OTHER DOCUMENTS (Including Author,		
INITIAL	"OPTO-ELECTRONIC IMMUNOSENSORS: A SURFACES", by JOHN F. PLACE, et al., Biose	REVIEW OF OPTICAL IMMU	NOASSAY AT CONTINUOUS
140			Co the Ch
	"BIOSENSORS: FUNDAMENTAL, TECHNOL et al., GBF Monographs Vol. 17, pp. 174-178, 19	OGIES AND APPLICATIONS, b	y A. BRECHT, et al., edited by F. Scho
	et a, Obe monographs vol. 17, pp. 174-178, 19		AL OB
	*KINETICS OF ANTIBODY-BINDING TO SUI	RFACE-IMMOBILIZED ANTIG	EN: INFLUENCE OF MASS
	TRANSPORT ON THE ENZYME-LINKED IM of Colloid and Interface Science, Vol. 107, pp. 56	MUNOSORBENT ASSAY (ELISA	A)", by NYGREN & STENBERG, Jou
	"MONITORING SPECIFIC INTERACTION OF POROUS SILICON USING ELLIPSOMETRY"	F LOW MOLECULAR WEIGHT , byD. VAN NOORT; S. WELIN-	BIOMOLECULES ON OXIDIZED KLINTSTROM, et al., Biosensors &
	Bioelectronics Vol. 13, pp. 439-449, 1997.		
	"EFFECTS OF HYDROPHILIZATION AND IN IMMUNOGLOBULINS", by MARTIN MALMS	MOBILIZATION ON THE INTI TEN, et al., Journal of Colloid and	ERFACIAL BEHAVIOR OF d Interface Science 177, pp. 70-78, 1994
	"TEMPORAL STUDIES ON THE DEPOSITION IMMOBILIZED ON METHYLATED SILICON Research, Vol. 35, pp. 81-91, 1997.	OF COMPLEMENT ON HUMA , by PENTTI TENGVALL, et al.,	AN COLOSTRUM IGA AND SERUM I , Journal of Biomedical Materials
	ASSEMBLY OF ANTIBODIES IN LIPID MEM et al., Applied Biochemistry and Biotechnology, p	IBRANES FOR BIOSENSOR DE p. 163-181, 1994.	VELOPMENT, by HUAIYOU WANG
	*WETTING AND DEWETTING OF SI/SiO2-WA SOLUTIONS UNDER CONTROLLED HUMIDI	AFERS BY FREE AND LIPID-MC TY", by G. ELENDER, et al., Jou	ONOLAYER COVERED AQUEOUS rnal de Physique II, pp. 455-479, 1994.
	"COUPLING OF BIOMOLECULES TO SILICO TECHNIQUES", by CARL FREDRIK MANDEN	ON SURFACES FOR USE IN ELL IIUS, et al., Methods in Enzymolog	IPSOMETRY AND OTHER RELATE yy, Vol. 137, pp. 388-394, 1988.
	"PATTERNING OF IMMOBILIZED ANTIBOD EXPOSURE", by A.W. FLOUNDERS, et al., Bios	Y LAYERS VIA PHOTOLITHOG ensors and Bioelectronics Vol. 12,	GRAPHY AND OXYGEN PLASMA pp. 447-456, 1997.
,	"A COMPARATIVE STUDY OF PROTEIN IMM by A. AHLUWALIA, et al., Biosensors and Bioele	10BILIZATION TECHNIQUES I ctronics 7, pp. 207-214, 1991.	FOR OPTICAL IMMUNOSENSORS"
MP	"UNIVERSAL IMAGING CORPORATION - ME RUDOLF : OLDENBOURG, pp. 1-2	TAPOLSCOPE*; "METAMORP	PH IMAGING SYSTEM", by DR.
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